

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

Telephone
617 542-5070

Facsimile
617 542-8906

Web Site
www.fr.com

July 31, 2003

Attorney Docket No.: 05542-528001 – 008252L/CMP

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Presented for filing is a new original patent application of:

Applicant: G. LAURIE MILLER, BOGUSLAW A. SWEDEK AND
MANOOCHER BIRANG

Title: EDDY CURRENT SYSTEM FOR IN-SITU PROFILE
MEASUREMENT

Enclosed are the following papers, including those required to receive a filing date
under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	19
Claims	9
Abstract	1
Unsigned Declaration/POA	4
Drawings	11

Enclosures:

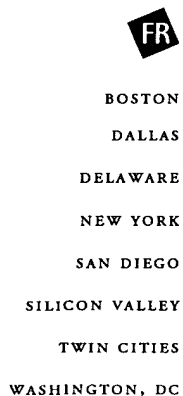
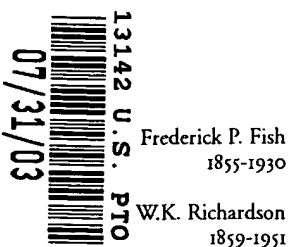
- Summary Sheet Transmittal, 1 page.
- New disclosure information, including:
 - Information disclosure statement, 1 page.
 - PTO-1449, 2 pages.
 - References, 22 items.
- Postcards - 2.

Basic filing fee	\$0
Total claims in excess of 20 times \$18	\$0
Independent claims in excess of 3 times \$84	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$0

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 348187957 US

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Page 2

Under 37 CFR §1.53(f), **no filing fee is being paid at this time.**

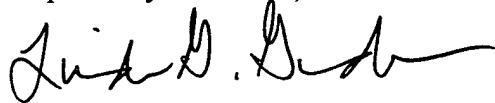
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcards.

Please direct all correspondence to the following:

Patent Counsel
Legal Affairs Dept.
Applied Materials, Inc.
Box 450A
Santa Clara, CA 95052
FAX: 408-986-3090

Respectfully submitted,



Linda G. Gunderson
Reg. No. 46,341
Tel.: (858) 678-5070

Enclosures
LGG/cia

10317305.doc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Re: Inventor(s): G. Laurie Miller, Boguslaw A. Swedek, Manoocher Birang
 Title: EDDY CURRENT SYSTEM FOR IN-SITU PROFILE MEASUREMENT

Transmitted herewith is the patent application identified above, including:

- X Specification, claims and abstract totaling 29 pages, plus cover page.
- X Drawings totaling 11 pages, X Formal Informal.
- X Unsigned Declaration and Power of Attorney.
- X Information Disclosure Statement & Form PTO-1449, with 22 refs.
- X Postcards – 2.

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	-53-	- 20 =	-33-	X \$18.00	\$0
Independent Claims	-6-	- 3 =	-3-	X \$84.00	\$0
Basic Filing Fee				\$ 740.00	\$0
TOTAL FEES					\$0

___ The Commissioner is hereby authorized to charge \$0 to Deposit Account No. 50-1074.

XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.

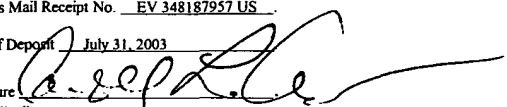
XX Please address all future correspondence to:

**PATENT COUNSEL
 APPLIED MATERIALS, INC.
 Legal Affairs Department
 P.O.BOX 450A
 Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

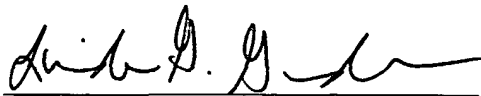
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Date of Deposit July 31, 2003

Signature 
 Carroll Allman

Respectfully submitted,

FISH & RICHARDSON P.C.



Linda G. Gunderson
 Registration No. 46,341
 Tel.: (858) 678-5070